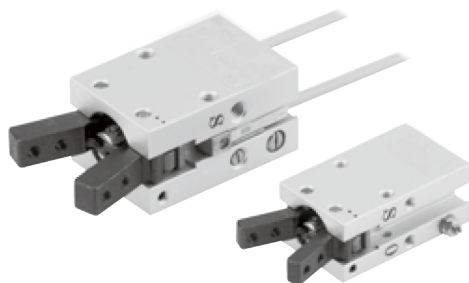


JHC2 Series

Air Gripper (Angle Open and Close Type)



Cylinder
Calculation
SI
SI A.
SIB
SQ
DNT
SC/SU
SCT
SC A.
DN
DSN
DN/DSN A.
MA
MAC
MA/MAC A.
MAL
MALC
MAL/MALC A.
SDA
CQ2
TCQ2
ADN
TADN
PPRM
JHL2
JHF2
JHZ2
JHY2
JHC2
JXH
JXQ
JXS
TN
JGP
JSQB
Sensor



*Multi-sided free installation, compact structure design, space saving
*Built-in flow regulator

*Built-in magnetic ring, can install auto switch on multiple sides
*High positioning accuracy

JHC2 Series

Specification

Bore Size(mm)	10	16	20	25
Working Medium	Air			
Operation	Double acting			
Min. Operating Pressure	0.15MPa			
Max. Operating Pressure	0.7MPa			
Ambient And Fluid Temperature	-10~60°C (with no condensation)			
Max. Operating Frequency	180 (C.P.M)			
Sensor	JEL-07D			
*Grease	No need			
Cushion	Rubber cushion on both ends			
Piping Size	M3X0.5	M5X0.8		

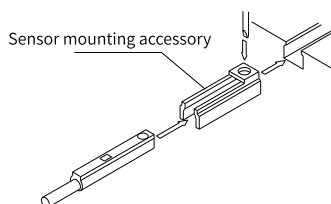
Ordering Code

JHC2	—		D
		1	2
1 Bore Size	2 Double Acting		
10			
16			
20			
25			

Sensor Mounting Accessory and model

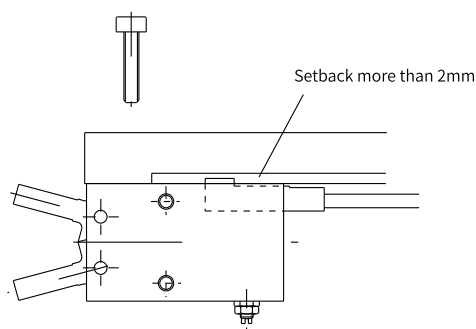
Sensor Model	Sensor Mounting Accessory Model
JEL-07D/JEL-07N	BMG2-012

Fixing Method Of Sensor



- Insert the sensor mounting accessory into the mounting groove on the cylinder as shown in the picture, and generally set the position of the sensor
- Insert the sensor in the mounting groove of the mounting accessory
- After the detection position is confirmed, fix the sensor with the stopscrew (M2.5) attached to the sensor
- The change of the detection position is carried out according to the step ②

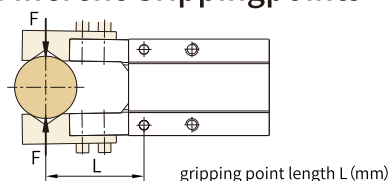
[Note] Use the horologic driver with a grip diameter of 5-6mm when fastening the mounting screws. And the tightening moment is about 0.05~0.1 N·m, with a rough tightening feeling, then turn it 90°.



Note for using mounting accessory

When the sensor is used on the side of the mounting surface as shown in the above figure, due to the protrusion of the sensor mounting accessory from the end face, so the mounting plate should be designed with a setback of more than 2mm.

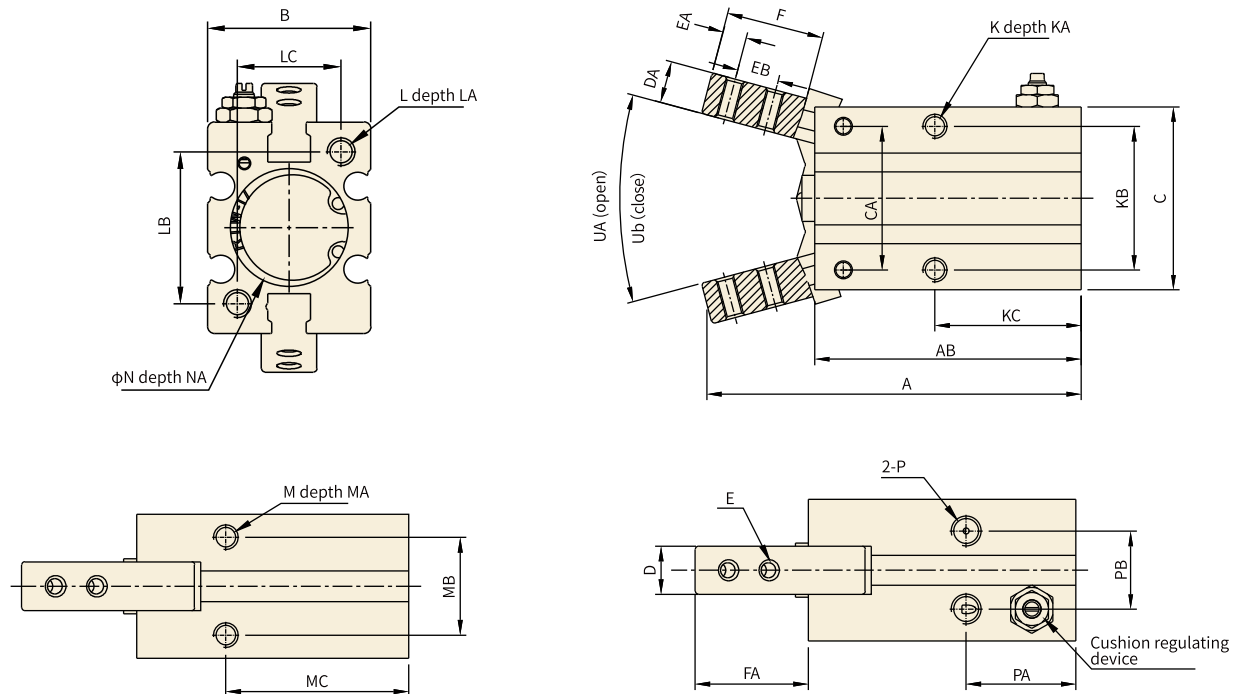
Gripping Forces Correspond To Different Gripping points



Theoretical Gripping Moment

		10	16	20	25
Theoretical Gripping Moment At 0.5Mpa Pressure	Closing Gripping Moment	0.088	0.45	0.76	1.52
	Opening Gripping Moment	0.147	0.645	1.26	2.365
Max. Gripping Point Length(mm)		30	40	60	70
Opening Angle (°)		30			
Losing Angle (°)		-10			

Overall Dimension



Specification

Bore Size	A	AB	B	C	CA	D	DA	E	EA	EB	F	FA	K	KA	KB	KC	L
10	52.5	38.5	16.5	23	14	6.4	4	M2.5×0.45	3	5.7	12	14.5	M3×0.5	5	16	23	M3 x 0.5
16	62.5	44.5	23.6	30.5	24	8	7	M3×0.5	4	7	16	19	M4×0.7	7	24	24.5	M4 x 0.7
20	78	55	27.6	42	30	10	8	M4×0.7	5	9	20	23.5	M5×0.8	8	30	29	M5 x 0.8
25	92	60.5	33.6	52	36	12	10	M5×0.8	8	12	27	33	M6×1.0	10	36	30	M6 x 1.0

Bore Size	LA	LB	LC	M	MA	MB	MC	N	NA	P	PA	PB	UK (张开)	UK (张开)
10	6	18	12	M3×0.5	6	11.4	27	$11^{+0.05}_0$	1.5	M3×0.5	19	10	30°	10°
16	8	22	15	M4×0.7	4.5	16	30	$17^{+0.05}_0$	1.5	M5×0.8	18.5	13	30°	10°
20	10	32	18	M5×0.8	8	18.6	35	$21^{+0.05}_0$	1.5	M5×0.8	22	15	30°	10°
25	12	40	22	M6×1.0	10	22	36.5	$26^{+0.05}_0$	1.5	M5×0.8	23.5	20	30°	10°

Cylinder

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Sensor